

A METHOD AND ARCHITECTURE FOR AN INTERACTIVE TWO-WAY  
DATA COMMUNICATION NETWORK

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ABSTRACT OF THE DISCLOSURE

10 A two-way data communication device such as a data  
ready cellular telephone, a two-way pager, or a  
telephone communicates via a two-way data communication  
network with a server computer on a computer network  
that has an interface to the two-way data communication  
network, i.e., is coupled to the two-way data  
communication network. For example, the computer  
15 network can be a corporate wide area network, a  
corporate local area network, the Internet, or any  
combination of computer networks. The two-way data  
communication device utilizes a client module to  
transmit message including a resource selector chosen  
20 by the user to a server on a server computer on the  
computer network. The server processes the message and  
transmits a response over the two-way data  
communication network to the client module. The client  
module interprets the response and presents the  
25 response to the user via a structured user interface.  
Alternatively, the user transmits a request that  
directs the server to transmit the response to the  
request to another location or to another user.